

## Snowdonia National Park

Forecast valid from 06:00 on Monday 18 Sep 2023 until 23:59 on Tuesday 19 Sep 2023

Forecast Issued on Monday 18 Sep 2023 at 00:14

**Confidence:** High for poor conditions Monday morning, improving later in the day, followed by further rain Tuesday. Also high for winds strengthening, especially Tuesday. Confidence in details then become Low but remains high for the general theme of staying unsettled with sunny spells and showers or longer spells of rain.

**Headline for Monday 18 Sep 2023:** Early rain and isolated thunderstorms clearing late morning, to sunny spells and heavy, perhaps thundery, showers. Turning much cooler on the tops.

### Mountain weather hazards on Monday 18 Sep 2023

**Blizzards**  
No Likelihood

**Heavy persistent snow**  
No Likelihood

**Storm force winds**  
No Likelihood

**Gales**  
Low Likelihood

**Severe chill effect**  
Low Likelihood

**Poor visibility**  
Medium Likelihood

**Thunderstorms**  
Low Likelihood

**Heavy persistent rain**  
Medium Likelihood

**Strong sunlight**  
No Likelihood

| Weather and chance of precipitation at 800m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                               | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |
| Heavy Rain                                                                          | Light rain                                                                          | Heavy rain showers                                                                  | Thundery showers                                                                    | Heavy rain showers                                                                    | Partly cloudy (night)                                                                 |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 60%                                                                                 | 40%                                                                                 | 30%                                                                                 | 30%                                                                                 | 30%                                                                                   | 20%                                                                                   |

### Forecast for Monday 18 Sep 2023

**Weather:** A band of heavy, and perhaps thundery, rain moves east during the morning. Rain likely clearing by midday with sunny spells, but also brisk westerly winds developing during the afternoon. Further isolated and gusty showers also spreading east, heavy and thundery at times, but moving quickly through. Feeling much cooler, especially on the tops.

**Chance of cloud-free hill tops above 800m:** 10% at first, but improving to 90%

**Low Cloud and visibility:** Widespread cloud at 500m, perhaps briefly 300m in west with heavy rain band late afternoon, before lifting and breaking quickly after rain clears during the afternoon. Then largely above summits, although the patches perhaps returning above 900m during any heavy showers. Moderate to Poor visibility beneath the cloud during the morning, but increasing to Very Good or Excellent views during the afternoon, although views of distant hills occasionally limited due to passing showers.

## Forecast for Monday 18 Sep 2023

| Height (m) | Wind Speed mean/gusts (mph) |          |         |         | Wind Direction (blowing from) |         |          |
|------------|-----------------------------|----------|---------|---------|-------------------------------|---------|----------|
|            | 06:00                       | 09:00    | 12:00   | 15:00   | 18:00                         | 21:00   | 00:00    |
| 900        | 22/27 W                     | 25/33 W  | 29/39 W | 32/42 W | 33/42 W                       | 33/43 W | 34/44 W  |
| 600        | 16/21 W                     | 18/25 W  | 21/29 W | 24/34 W | 22/30 W                       | 23/32 W | 22/32 SW |
| 300        | 11/18 W                     | 13/22 NW | 17/28 W | 17/31 W | 14/27 W                       | 15/29 W | 15/29 SW |
| Valley     | 11/18 W                     | 13/23 W  | 17/29 W | 17/30 W | 15/28 W                       | 16/29 W | 15/29 SW |

| Height (m)      | Temperature / Feels Like (°C) |       |       |       |       |       |       |
|-----------------|-------------------------------|-------|-------|-------|-------|-------|-------|
|                 | 06:00                         | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| 900             | 10/6                          | 8/3   | 6/1   | 6/0   | 6/-0  | 5/-1  | 6/-0  |
| 600             | 12/9                          | 10/6  | 9/5   | 9/4   | 8/4   | 8/3   | 8/4   |
| 300             | 13/11                         | 11/9  | 12/9  | 11/8  | 11/8  | 10/7  | 11/8  |
| Valley          | 14/12                         | 13/10 | 13/10 | 13/10 | 12/9  | 12/9  | 12/9  |
| Freezing Level* | 2600m                         | 2200m | 1600m | 1500m | 1500m | 1600m | 1600m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

### Meteorologist's View

Very poor conditions for much of the morning, with rain and thunderstorms. Hills becoming much clearer, but also autumnal feeling during the afternoon. Further heavy, thundery showers will mean waterproofs will be needed and these could come and go rapidly, leading to sudden changes on the tops. Feeling rather cold in exposure, with brisk winds.

## Forecast for Tuesday 19 Sep 2023

**Weather:** Cloud soon thickening from the west, with rain and drizzle spreading east by dawn. Rain and drizzle gradually becoming lighter through the day, but persistent on western upslopes. Some eastern hills staying dry. Milder than Monday, despite the very strong winds continuing to gradually strengthen. These especially strong across high level ridges such as Crib Goch. Chance of heavier, thundery rain after dark.

**Maximum wind:** Southwesterly 40mph gusting 50-60mph, increasing to southwesterly 45mph gusting 60-70mph

**Chance of cloud-free hill tops above 800m:** Near zero in west, 30% in east. Best chances during the afternoon.

**Low Cloud and visibility:** Widespread cloud obscuring hills at 600m in west, but areas of cloud possible at 400m. Cloud more broken and at 800m further east, with the best chance of clearer intervals during the afternoon. Moderate visibility for much of the day, and occasionally down to poor due to rain and drizzle.

**Temperature:** **Valleys:** Plus 12 Celsius rising to Plus 17 Celsius  
**At 800m:** Plus 6 Celsius rising to Plus 13 Celsius  
**Freezing level:** Above summits.

**Ground Conditions Supplement**

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 00:14 on Mon 18 Sep 2023